Module- III / Part – A & B / 25 Marks				
Sl. No.	**Questions**	**Marks Split-up**	**K – Level**	**CO**
1.	A pentagonal prism, side of base 25 mm and axis 50 mm long, rests with one of its edges on HP such that the base containing that edge makes an angle of 30° to HP and its axis is parallel to VP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
2.	A hexagonal pyramid, side of base 25 mm and axis 50 m long, rests with one of the edges of its base on HP and its axis is inclined at 30° HP and parallel to VP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
3.	A pentagonal pyramid, side of base 30 mm and axis 60 mm long is lying with one of its triangular faces on the HP and axis parallel to the VP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
4.	A hexagonal prism, side of base 25 mm and axis 50 mm long rests with one of its base corners on HP such that its base makes an angle of 60° to HP and its axis is parallel to VP. Draw the (i) simple position of solid (ii) final projections of solid.	10+15	K3	CO3
5.	A pentagonal prism of base side 30 mm and axis length 60 mm rests on HP on one of the base corners with the base edges containing it being equally inclined to HP. The axis is inclined at 45° to HP and parallel to VP. Draw the (i) simple position of solid (ii) final projections of solid.	10+15	K3	CO3
6.	A cylinder, base 30 mm diameter and axis 40 mm long, resting with a point of its base circle on HP such that the axis is making an angle of 30° with HP and parallel to VP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
7.	A cone of base diameter 50 mm and axis length 60 mm is resting on HP on a point on the circumference of the base. Its base is inclined at 50° to HP and perpendicular to VP. Draw the (i) simple position of solid (ii) final projections of solid.	10+15	K3	CO3
8.	A cone of base diameter 46 mm and height 65 mm lying with one of its generators on HP. The axis is parallel to VP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
9.	A hexagonal prism, side of base 25 mm and axis 60 mm long, lies with one of its rectangular faces on HP, such that the axis is inclined at 45° to VP. Draw the (i) simple position of solid (ii) final projections of solid.	10+15	K3	CO3
10.	A cylinder 75 mm diameter and 100 mm long, lying on the ground with its axis inclined at 30° to the vertical plane. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
11.	A cone of base 40 mm diameter and axis 50 mm long touches VP on a point of its base circle. Its axis is inclined at 30° to VP and parallel to HP. Draw its projections.	10+15	K3	CO3

12.	A hexagonal prism of base side 30 mm axis length 60 mm is resting on HP on one of its base sides with its axis inclined at 40° to HP and parallel to VP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
13.	A hexagonal pyramid of base side 30 mm and axis length 60 mm is resting on HP on one of its base corners with its axis inclined at 35° to HP. The base sides containing the resting corner are equally inclined to HP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
14.	A hexagonal pyramid of base side 30 mm and axis length 60 mm is resting on HP on one of its base corners with its axis inclined at 35° to VP and parallel to HP. The base sides containing the resting corner are equally inclined to HP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3
15.	A pentagonal prism of base side 30 mm and axis length 60 mm is resting on HP on one of its rectangular faces with its axis inclined at 40° to VP. Draw the (i) simple position of solid (ii) final projections of solid	10+15	K3	CO3